

- Same as*
- a) a curtain having vertical slits dividing said curtain into flaps;
 - b) an attachment device for securing said curtain within said cabinet; and
 - c) a displacement apparatus for displacing at least one of said flaps from alignment with adjacent flaps when said cabinet door is closed allowing air within said cabinet inner chamber to circulate to said door storage area.

22. A thermal barrier according to claim 21 wherein said
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1 flaps overlap with adjacent flaps.

23. A thermal barrier according to claim 21 wherein said
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3 flaps further comprise stabilizing adapters.

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24. A thermal barrier according to claim 23 wherein said
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4 stabilizing adapters are weights.

25. A thermal barrier according to claim 21 wherein said
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5 curtain is constructed of translucent material.

26. A thermal barrier according to claim 21 wherein said
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6 attachment device comprises a mounting means and a connecting rod.

27. A thermal barrier according to claim 26 wherein said
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7 mounting means is a bracket.

28. A thermal barrier according to claim 26 wherein said
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8 connecting rod is adjustable in length.

29. A thermal barrier according to claim 26 wherein said
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9 connecting rod is rotatably affixed to said mounting
means.
30. A thermal barrier according to claim 29 wherein at
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10 least one of said flaps is connected to said connecting
rod such that when said connecting rod rotates said at
least one flap is displaced from alignment with
adjacent flaps.
31. A thermal barrier according to claim (29) wherein said
↓
11 displacement apparatus comprises an electrical motor
connected to said connected rod and a light sensor such
that when the cabinet door is closed the sensor
activates said motor to rotate said connecting rod
causing the displacement of at least flap from
alignment with said adjacent flap.
32. A thermal barrier according to claim 29 wherein said
↓
12 displacement apparatus comprises an electrical motor
connected to said connected rod and a light sensor such
that when the cabinet door is opened the sensor
activates said motor to rotate said connecting rod
causing said at least one flap to align with said
adjacent flap.
33. A thermal barrier according to claim 29 wherein said
↓
13 displacement apparatus comprises an activation shaft
connected to said connecting rod such that when the
cabinet door is closed said activation shaft activates
said connecting rod rotating said connecting rod
causing the displacement of at least one flap from
alignment with said adjacent flaps.

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34. A thermal barrier according to claim 29 wherein said
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14 displacement apparatus comprises an activation shaft
connected to said connecting rod such that when the
cabinet door is opened said activation shaft activates
said connecting rod rotating said connecting rod
causing said at least one flap to align with said
adjacent flaps.

35. A thermal barrier according to claim 21 wherein said
↓
15 displacement apparatus comprises at least one
protrusion that contacts at least one flap displacing
said at least one flap from alignment with adjacent
flaps when said cabinet door is closed.

36. A thermal barrier for a cabinet having an inner chamber
* and a door hingably affixed to said cabinet, said door
having an interior side, wherein said interior side of
said door contains a storage area, said inner chamber
having an upper surface, a lower surface and two
opposing side walls, the thermal barrier comprising:

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- a) a curtain having vertical slits dividing said curtain into flaps;
 - b) an attachment device for securing said curtain to said upper surface; and
 - c) a displacement apparatus for displacing at least one of said flaps from alignment with adjacent flaps when said cabinet door is closed allowing air within said inner chamber to circulate to the door storage area.

37. A thermal barrier for a cabinet having an inner chamber
* and a door hingably affixed to said cabinet, said door

having an interior side, wherein said interior side of said door contains a storage area, said inner chamber having an upper surface, a lower surface and two opposing side walls, the thermal barrier comprising:

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- a) a curtain having vertical slits dividing said curtain into flaps;
 - b) an attachment device for securing said curtain to said side walls; and
 - c) a displacement apparatus for displacing at least one of said flaps from alignment with adjacent flaps when said cabinet door is closed allowing air within said inner chamber to circulate to the door storage area.
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38. A kit comprising a thermal barrier for a cabinet having an inner chamber and a door hingably affixed to said cabinet, said door having an interior side wherein said interior side of said door contains a storage area, said kit comprising a curtain having vertical slits dividing said curtain into flaps, an attachment device for affixing said curtain to the interior of said cabinet, and a displacement apparatus for displacing at least one of said flaps from alignment with adjacent flaps when said cabinet door is closed allowing air within said cabinet inner chamber to circulate to said door storage area.

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39. A kit comprising a thermal barrier according to claim 25 further comprising stabilizing adapters for said flaps.

40. A method for reducing the temperature within a door storage area of a cabinet comprising the steps of affixing a thermal barrier to a cabinet having an inner

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chamber and a door hingably affixed to said cabinet, said door having an interior side wherein said interior ~~side~~ side of said door contains a storage area, said thermal barrier comprising a curtain having vertical slits dividing said curtain into flaps, an attachment device for affixing said curtain to the interior of said cabinet, and a displacement apparatus for displacing at least one of said flaps from alignment with adjacent flaps when said cabinet door is closed and closing said door thereby allowing air within said cabinet inner chamber to circulate to said door storage area.

Please delete claims 1-20.

Proposed Drawings
Approved
4/9/03
IN THE DRAWINGS:

Please add Figures 6-8.

Please insert the following Figure descriptions for Figures 6 through 10 on page 5 beginning on line 20:

A2
"FIG 6 is a perspective view of the overlapping flaps of the thermal barrier of the present invention showing interior and exterior chamber flaps (12).

FIG 7 is a perspective view of the mounting means and adjustable connecting rod of the thermal barrier of the present invention.

FIG 8 is a perspective view of the mounting means of the thermal barrier of the present invention for attachment to the sidewalls of the cabinet."

IN THE ABSTRACT:

Please amend the abstract as follows: